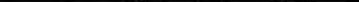


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

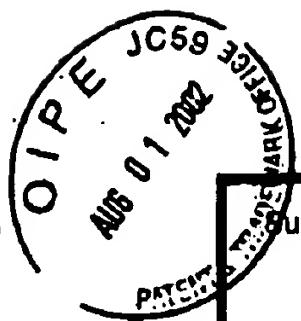
<p>Substitute for form 1449A/PTO</p> <p>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>Use as many sheets as necessary</i></p>				<p>C mplete if Known</p>	
				Application Number	09/682,699
				Filing Date	10/5/2001
				First Named Inventor	Brittain et al.
				Art Unit	2852 QFSY
				Examiner Name	FETZMER
Sheet	1	of	2	Attorney Docket Number	GEMS8081.060

Examiner Signature		Date Considered	March 18 th 2004
-----------------------	---	--------------------	-----------------------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<p>Substitute for form 1449B/PTO</p> <p>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/682,699</td> </tr> <tr> <td>Filing Date</td> <td>10/5/2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Brittain et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>2862</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>GEMS8081.060</td> </tr> </table>		Application Number	09/682,699	Filing Date	10/5/2001	First Named Inventor	Brittain et al.	Group Art Unit	2862	Examiner Name		Attorney Docket Number	GEMS8081.060
Application Number	09/682,699																
Filing Date	10/5/2001																
First Named Inventor	Brittain et al.																
Group Art Unit	2862																
Examiner Name																	
Attorney Docket Number	GEMS8081.060																
Sheet	2	of	2														

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
TAF	C1	Moran, PR. A flow velocity zeugmatographic interface for NMR imaging in humans. <i>Magnetic Resonance Imaging</i> 1982; 1: 197-203.	T ²
TAF	C2	Bryant DJ, Payne JA, Firmin DN, and Longmore DB. Measurement of flow with NMR imaging using a gradient pulse and phase difference technique. <i>J Comput Assist Tomogr</i> 1984; 8: 588-93.	
TAF	C3	Van Dijk P. Direct cardiac NMR imaging of heart wall and blood flow velocity. <i>J. Comput Assist Tomogr</i> 1984; 8: 429-36.	
TAF	C4	Nayler GL, Firmin DN, and Longmore DB. Blood flow imaging by cine magnetic resonance. <i>J Comput Assist Tomogr</i> 1986; 10: 715-22.	
TAF	C5	Swan JS, Grist TM, Weber DM, Sproat IA, and Wojtowycz MM. MR angiography of the pelvis with variable velocity encoding and a phase-array coil. <i>Radiology</i> 1994; 190: 363-9.	
TAF	C6	Swan JS, Weber DM, Grist TM, Wojtowycz MM, Korosec FR, and Mistretta CA. Peripheral MR angiography with variable velocity encoding. Work in progress. <i>Radiology</i> 1992; 813-7.	
TAF	C7	Ehman RL, Felmlee JP. Adaptive technique for high definition MR imaging of moving structures. <i>Radiology</i> 1998; 173: 255-263.	
TAF	C8	Ho KY, Leiner T, de Haan MW, Kessels AG, Kitslaar PF, and van Engelshoven JM. Peripheral vasculature tree stenoses: evaluation with moving-bed infusion-tracking MR angiography. <i>Radiology</i> 1998; 206: 683-92.	
TAF	C9	Meaney JF, Ridgway JP, Chakraverty S, Robertson I, Kessel D, Radjenovic A, Kouwenhoven M, Kassner A, and Smith MA. Stepping-table gadolinium-enhanced digital subtraction MR angiography of the aorta and lower extremity arteries; preliminary experience. <i>Radiology</i> 1999; 211: 59-67.	
TAF	C10	Foo, TKF, Saranathan M, Prince MR, and Chenevert TL. Automated detection of bolus arrival and initiation of data acquisition in fast, three-dimensional, gadolinium-enhanced MR angiography. <i>Radiology</i> 1997; 203: 275-80.	
TAF	C11	Wilman AH, Riederer SJ, Huston J. 3 rd , Wald JT, and Debbins JP. Arterial phase carotid and vertebral artery imaging in 3D contrast-enhanced MR angiography by combining fluoroscopic triggering with an elliptical centric acquisition order. <i>Magn. Reson Med.</i> 1998; 40: 24-35.	
TAF	C12	Riederer SJ, Fain SB, Kruger DG, and Busse RF. 3D-enhanced MR angiography using fluoroscopic triggering and an elliptical centric view order. <i>Int. J. Card Imaging</i> 1999; 15: 117-29.	
TAF	C13	Prince MR, Chenevert TL, Foo TKF, Lonyd FJ, Ward JS, Maki JH. Contrast enhanced abdominal MR angiography: Optimization of imaging delay time by automating the detection of contrast material arrival in the aorta. <i>Radiology</i> 1997; 203: 109-114.	
TAF	C14	Meany, Dr. James FM, Leeds General Infirmary, Leeds UK Moving Bed MRA, The Future of Peripheral Arteriography? <i>Phillips</i>	
TAF	C15	Kouwenhoven, M., MRA with moving bed imaging, IX International Workshop on Magnetic Resonance Angiography and Introductory Course "New Horizons on MRA and CTA", Valencia, October 7-11, 1997, Book of Abstracts, <i>The MR Angio Club</i> , p. 158.	
TAF	C16	Kruger, DG., Riederer, S.J., Grimm, R.C., Rossman, P.J., Continuously moving table data acquisition method for long FOV contrast-enhanced MRA and whole-body MRI. <i>Magnetic Resonance in Medicine</i> , 47: 224-231 (2002)	

Examiner Signature		Date Considered	March 18 th 2004
-----------------------	--	--------------------	-----------------------------